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Sheet 1 of 4

Application Number	10/724,384
Filing Date	November 26, 2003
First Named Inventor	Mark M. Leather
Art Unit	2628
Examiner Name	Michelle K. Lay
Attorney Docket Number	00100.01.0025

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/MKL/ ↓	US-	6,980,209 B1	12-27-2005	Donham et al.	
	US-	5,550,962	08-27-1996	Nakamura et al.	
	US-	5,818,469	10-06-1998	Lawless et al.	
	US-	6,118,452	09-12-200	Gannetti	
	US-	6,353,439 B1	03-05-2002	Lindholm et al.	
	US-	6,384,824 B1	05-07-2002	Morgan et al.	
	US-	6,417,858 B1	07-09-2002	Bosch et al.	
	US-	6,573,893 B1	06-03-2003	Naqvi et al.	
	US-	6,650,327 B1	11-18-2003	Airey et al.	
	US-	6,650,330 B2	11-18-2003	Lindholm et al.	
	US-	6,724,394 B1	04-20-2004	Zatz et al.	
	US-	6,731,289 B1	05-04-2004	Peercy et al.	
	US-	6,809,732 B2	10-26-2004	Zatz et al.	
	US-	6,864,893 B2	03-08-2005	Zatz	
	US-	6,897,871 B1	05-24-2005	Morein et al.	
US-	7,015,913 B1	03-21-2006	Lindholm et al.		
US-	2003/0076320 A1	04-24-2003	Collodi		
US-	2003/0164830 A1	09-04-2003	Kent		
US-	2004/0041814 A1	03-04-2004	Wyatt et al.		

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Examiner Signature:	/Michelle K. Lay/	Date Considered:	07/23/2007
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/MKL/		US- 5,179,640	01-12-1993	Duffy	
		US- 5,745,118	04-28-1998	Alcorn et al.	
		US- 5,794,016	08-11-1998	Kelleher	
		US- 5,905,506	05-18-1999	Hamburg	
		US- 6,184,906 B1	02-06-2001	Wang et al.	
		US- 6,323,860	11-27-2001	Zhu et al.	
		US- 6,344,852	02-05-2002	Zhu et al.	
		US- 6,380,935	04-30-2002	Heeschen et al.	
		US- 6,424,345 B1	07-23-2002	Smith et al.	
		US- 6,636,232	10-21-2003	Larson	
		US- 6,714,203 B1	03-30-2004	Morgan et al.	
		US- 6,753,878	06-22-2004	Heirich et al.	
		US- 6,762,763 B1	07-13-2004	Migdal et al.	
		US- 6,775,177	08-17-2004	Furtner	
		US- 6,801,203	10-05-2004	Hussain	
		US- 7,061,495	06-13-2006	Leather	
		US- 2004/0100471 A1	05-27-2004	Leather et al.	
		US- 2004/0164987 A1	08-26-2004	Aronson et al.	
		US- 2005/0068325 A1	03-31-2005	LeFebvre et al.	

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/Michelle K. Lay/

Date	
Considered	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
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Sheet 4	of 4	Attorney Docket Number	00100.01.0025

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MKL/		BRETERNITZ, JR., MAURICIO et al.; Compilation, Architectural Support, and Evaluation of SIMD Graphics Pipeline Programs on a General-Purpose CPU; IEEE; 2003; pages 1-11.	
		International Search Report for PCT Patent Application PCT/IB2004/003821 dated March 22, 2005.	
		European Search Report from European Patent Office; European Application No. 03257464.2; dated April 4, 2006.	
		FOLEY, James et al.; Computer Graphics, Principles and Practice; Addison-Wesley Publishing Company; 1990; pages 873-899.	
		CROCKETT, Thomas W.; An introduction to parallel rendering; Elsevier Science B.V.; 1997; pages 819-843.	
		MONTRYM, John S. et al.; InfiniteReality: A Real-Time Graphics System; Silicon Graphics Computer Systems; 1997; pages 293-302.	
		HUMPHREYS, Greg et al.; WireGL: A Scalable Graphics System for Clusters; ACM Siggraph; 2001; pages 129-140.	

Examiner Signature	/Michelle K. Lay/	Date Considered	07/23/2007
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